

Substitute for form 1449/PTO (modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number

10/692358

Filing Date

October 23, 2003

First Named Inventor

Wicki, Markus A.

Art Unit

1764

Examiner Name

Sikarl A. Witherspoon

Attorney Case Number

57664US002

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
<input checked="" type="checkbox"/>	A1	US- 3,752,843	08/14/1973	Henrick	
	A2	US- 3,783,135	01/01/1974	Henrick et al.	
	A3	US- 3,805,607	04/23/1974	Heusser	
	A4	US- 3,818,049	06/18/1974	Henrick et al.	
	A5	US- 3,875,243	04/01/1975	Descoins et al.	
	A6	US- 3,943,157	03/09/1976	Henrick et al.	
	A7	US- 4,189,614	02/19/1980	Samain et al.	
	A8	US- 4,912,253	03/27/1990	Fukumoto et al.	
	A9	US- 4,973,765	11/27/1990	Mackenroth et al.	
	A10	US- 5,089,659	02/18/1992	Brueckner et al.	
	A11	US- 5,292,973	03/08/1994	Fukumoto et al.	
	A12	US- 5,395,993	03/07/1995	Klein et al.	
	A13	US- 5,481,040	01/02/1996	Fukumoto et al.	
	A14	US- 5,599,848	02/04/1997	Klein et al.	
<input checked="" type="checkbox"/>	A15	US- 6,248,364 B1	06/19/2001	Sengupta et al.	

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-Kind Code (if known)				
<input checked="" type="checkbox"/>	B1	CZ(CS)	233,069	05/04/1983	Kalwch et al.	No abstract available	
	B2	DE	2,355,534 (Abstract)	09/11/1975	Hoechst		
	B3	DE	3,829,979 A1 (Abstract)	03/15/1990	Mackenroth et al.		
	B4	EP	0 038 052 B1	10/21/1981	Yamamoto et al.		
	B5	EP	0 241 335 B1	10/14/1987			
	B6	EP	0 569 805 B1 (Abstract)	03/12/1997	Mackenroth et al.		
	B7	JP	1996506573A	07/16/1996	Klein et al.		X Machine
	B8	JP	3240752 A (Abstract)	10/28/1991	Shin-Etsu		
	B9	JP	58177924 A (Abstract)	10/18/1983	Shin-Etsu		
<input checked="" type="checkbox"/>	B10	JP	62212347 A (Abstract)	09/18/1987	NITTO		

\*Examiner:

Sikarl A. Witherspoon

Date Considered:

7/29/04

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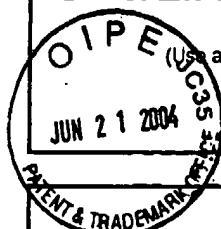
Information Disclosure Statement)

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		Ctry. Code	Number-Kind Code (if known)				
②	B11	RO	64,550	08/30/1978	Popovici et al	No abstract available	
	B12	RO	76,824	08/30/1981	Popovici et al	No abstract available	
	B13	RO	84,426 (Abstract)	08/30/1984	Nagarajan		
	B14	UK	1,299,691	12/13/1972	Rozwols et al.		
	B15	WO	94/17662	08/18/1994	Buschmann et al		X
②	B16	WO	99/56541	11/11/1999	Bancovetz et al		

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Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
②	C1	Vincer et al., "Synthesis of Pheromones, III", <i>Acta Chimica Hungarica</i> , Vol. 124, No. 5, pp. 737 - 748, (1987).	
	C2	Kang et al., "Synthesis of (Z)-, and (E)-8-Dodecen-1-yl Acetate, The Sex Pheromone Of The Oriental Fruit Moth, Grapholitha Molesta By Stereochemical Control In Wittig Olefination" <i>Bull. Korean Chem. Soc.</i> Vol. 7, No. 6, 1986, pp. 453 - 457.	
	C3	Stowell, J. C., "A Short Synthesis Of The Sex Pheromone Of The Pink Bollworm Moth", <i>The Journal of Organic Chemistry</i> , Vol. 35, January 1, 1970, pp. 244 - 245.	
	C4	Babler, J. H., and Haack, R. A., "A Facile Stereoselective Route To The Sex Pheromone Of The Codling Moth Via Thermolysis Of An Allylic Sulfoxide", <i>The Journal of Organic Chemistry</i> , Vol. 47, No. 24, November 19, 1982, pp. 4801 - 4803.	
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	C6	Organic Reactions, Vol. 8, John Wiley & Sons, Inc., New York, (1954) pp. 252	
	C7	Silverstein, R. M., "Practical Use Of Pheromones And Other Behavior-Modifying Compounds: Overview", <i>Behavior-Modifying Chemicals For Insect Management</i> , Edited by Ridgway, Silverstein, and Inscoe, Marcel Dekker, Inc., New York and Basel, 1990, pp. 6.	
	C8	Vig, O.P., Vig, A.K., Gauba, A.L., and Gupta, K.C.; "A New Synthesis of trans-8-trans-10-dodecadien-1-ol", <i>Journal of The Indian Chemical Society</i> , Vol. LII, June 1975, pp. 541 - 542.	
②	C9	Kulkarni, et al., "Synthesis Of Dienic Pheromones Of Codling Moth & Grape Vine Moth", <i>Indian Journal of Chemistry</i> , Vol. 23B, December 1984, pp. 1208 - 1210.	

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<b>Substitute for form 1449A/PTO (modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 3 of 4	<b>Application Number</b>	10/692358
	<b>Filing Date</b>	October 23, 2003
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OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
Sw	C10	Naoshima, Y, et al., "A New Synthesis of (E)-8-10-Dodecadien-1o1, Sex Pheromone Of Codling Moth", <i>Agricultural and Biological Chemistry</i> , May 1980, Vol. 44(6), pp. 1419 – 1420.	
	C11	Ando, T.; et al., "Systematic Syntheses And Characterization Of Dodecadien-1-ols With Conjugated Double Bond, Lepidopterous Sex Pheromones", <i>Agricultural and Biological Chemistry</i> , January 1985, Vol. 49(1), pp. 141 – 148.	
	C12	Descoins, C., and Hendrick, C. A., "Stereoselective Synthesis Of A Sex Attractant Of The Cooling Moth", <i>Tetrahedron Letters</i> , No. 30, Pergamon Press, 1972, pp. 2999 – 3002.	
	C13	Bloch, R., and Abecassis, J., "A General And Stereoselective Synthesis Of (E,E)-Conjugated Dienes", <i>Tetrahedron Letters</i> , Vol. 24, No. 12, Pergamon Press, 1983, pp. 1247 – 1250.	
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	C16	Bestmann, H. J., Sub, J., and Vostrowsky, O., "Pheromone XXVI. Synthese Der Sexuallockstoffe (E)-7, (Z)-9-Dodecadienylacetat, (E)-9,11-Dodecadienylacetat Und (Z)-9,(E)-11-Tetradecadienylacetat", No. 26, <i>Tetrahedron Letters</i> , Pergamon Press, (1979), pp. 2467 – 2470.	
	C17	Babler, J. H., and Coghlan, M. J.; "A Facile Method For Monoacetylation Of Symmetrical Diols: Application To The Total Synthesis Of Z-8-Dodecenyl Acetate, The Sex Attractant Of The Oriental Fruit Moth", Pergamon Press Ltd., <i>Tetrahedron Letters</i> , No. 22, 1979, pp. 1971 – 1974.	
	C18	Popovici, N., "Syntheses Of The Sex Pheromone Of The Codling Moth", <i>Revue Roumaine de Chemie</i> , 1997, Vol. 42, No. 3, 1997, pp. 221 – 224.	
	C19	8th International Congress of Pesticide Chemistry Options 2000, American Chemical Society, Washington, D.C., 1995, pp. 94.	
	C20	Kukovinets, O. S. et al., "Ozonolysis Of Alkenes And Study Of Reactions Of Polyfunctional Compounds: LXII. New Synthetic Route To 7E,9Z-Dodecadien-1-yl Acetate, Pheromone Of The Leaf Roller Moth ( <i>Lobesia botrana</i> )", <i>Russian Journal of Organic Chemistry</i> , Vol. 36, No. 2, February 2000, pp. 211 – 213.	
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<b>*Examiner:</b> <i>Sikarl Witherspoon</i>	<b>Date Considered:</b> <i>7/29/04</i>
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Sw	C22	Odinokov, V. N., et al., "Insect Pheromones And Their Analogs, Lvii. Synthesis Of The Racemic Analog Of The Sex Pheromone Of Pine Sawflies Of The Genera" <i>Chemistry of Natural Compounds</i> (Translated from Russian), Vol. 34, No.1, January - February 1998, Plenum Publishing Corporation, pp. 96 - 98.	
	C23	Kukovinets, O. S., et al., "Insect Pheromones And Their Analogs LIX. A New Method For The Synthesis Of Components Of The Sex Pheromones Of Insects Of The Genus <i>Malocosoma</i> ", <i>Chemistry of Natural Compounds</i> , Vol. 35, No. 3, 1999, pp. 358 - 360.	
	C24	Gil, S., et al., "Sex Pheromone Of Chilo Suppressalis: Efficient Syntheses Of (z)-11-Hexadecenal,(z)-13-Octadecenal and (z)-9-Hexadecenal", <i>Synthetic Communications</i> , Vol. 26, No. 12, 1996 pp. 2329 - 2340.	
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	C26	Deng et al., "Syntheses of Insect Pheromones By Phase Transfer Catalytic Wittig Reaction", <i>Chinese Science Bulletin</i> , February 1989, Vol. 34, No. 3, pp. 203 - 206.	
	C27	Jiang et al., <i>Huaxue Shiji</i> , 1988, Vol. 10, No. 3, pp. 131 - 132.	
	C28	Popovici et al, "Exo- and Endohormones. VII <sup>1</sup> Synthesis of Z-11-Tetradecen-1-OL Acetate By Phosphonium Ylide Condensation", <i>Revue Roumaine de Chimie</i> , 1983, Vol. 28, No. 11 - 12, pp. 995 - 999.	
↓	C29	Zhang et al., "Identification And Synthesis Of Female Sex Pheromone Of Oriental Beetle, <i>Anomala Orientalis</i> (Coleoptera: Scarabaeidae)", <i>Journal of Chemical Ecology</i> , Vol. 20, No. 9, 1994, pp. 2415 - 2427.	
Sw	C30	Kovalev, B. G. and Al'tmark, E. M., "The Unsymmetrical Extension Of The Chain Of Keto Aldehydes In The Wittig Reaction", Translated from <i>Zhurnal Organicheskoi Khimii</i> , Vol. 8, No. 8, pp. 1582 - 1587, August 1972, 1973, Consultants Bureau, a division of Plenum Publishing Corporation, New York, pp 1616 - 1620.	

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